

Amendments

I. In the Specification:

Please replace the paragraph appearing at page 43, lines 13-26 with the following paragraph:

The recombinant host comprising the gene encoding *Tne* DNA polymerase, *E. coli* DH10B(pUC-Tne), was deposited on September 30, 1994, with the Collection, Agricultural Research Culture Collection (NRRL), 1815 North University Street, Peoria, Illinois 61604 USA, as Deposit No. NNRL ~~B-21238~~ B-21338. The gene encoding *Tma* DNA polymerase has also been cloned and sequenced (U.S. Patent No. 5,374,553, which is expressly incorporated by reference herein in its entirety). Methods for preparing mutants and derivatives of these *Tne* and *Tma* polymerases are well-known in the art, and are specifically described in co-pending U.S. Patent Application No. 08/689,818 of Deb K. Chatterjee and A. John Hughes, entitled "Cloned DNA Polymerases from *Thermotoga* and Mutants ~~Thereof~~ Thereof," filed September 6, 1996, and co-pending U.S. Patent Application No. 08/689,807 of Deb K. Chatterjee, entitled "Cloned DNA Polymerases from *Thermotoga* and Mutants ~~Thereof~~ Thereof," filed September 6, 1996, the disclosures of which are incorporated herein in their entirety.

II. In the Claims:

Claim 1 (Previously presented): A method of identifying, analyzing or typing a polymorphic DNA fragment in a sample of DNA, said method comprising contacting said sample of DNA with one or more DNA polymerases, wherein said DNA polymerases are